

## Storm Data and Unusual Weather Phenomena - August 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>LAKE ST CLAIR</b>				
<b>LAKE ST CLAIR (U.S. PORTION) COUNTY --- 7.1 SW NEW BALTIMORE [42.61, -82.83]</b>				
	08/15/10 14:29 EST	0		Marine Thunderstorm Wind (MG 34 kt)
	08/15/10 14:29 EST	0		Source: ASOS
A thunderstorm moving into Lake St. Clair produced a 39 mph wind gust.				
<b>LAKE ST CLAIR (U.S. PORTION) COUNTY --- 3.1 W METROPOLITAN BEACH [42.47, -82.88]</b>				
	08/19/10 18:52 EST	0		Marine Thunderstorm Wind (MG 41 kt)
	08/19/10 18:52 EST	0		Source: C-MAN Station
A thunderstorm moving into Lake St. Clair produced a measured thunderstorm wind gust of 47 mph.				
<b>MICHIGAN, East</b>				
<b>OAKLAND COUNTY --- 1.2 NW TROT BIG BEAVER ARPT [42.58, -83.14]</b>				
	08/15/10 13:53 EST	0		Hail (1.00 in)
	08/15/10 13:53 EST	0		Source: Trained Spotter
<b>OAKLAND COUNTY --- 1.2 NW TROT BIG BEAVER ARPT [42.58, -83.14]</b>				
	08/15/10 13:58 EST	5K		Thunderstorm Wind (EG 52 kt)
	08/15/10 13:58 EST	0		Source: Law Enforcement
Numerous trees and power lines were reported down.				
<b>MACOMB COUNTY --- 1.0 W CADY [42.55, -83.00]</b>				
	08/15/10 14:18 EST	0		Thunderstorm Wind (EG 52 kt)
	08/15/10 14:18 EST	0		Source: Trained Spotter
A couple large tree limbs were reported blown down.				
<b>MACOMB COUNTY --- 1.7 NW ROSEVILLE [42.52, -82.92]</b>				
	08/15/10 14:28 EST	0		Thunderstorm Wind (EG 52 kt)
	08/15/10 14:28 EST	0		Source: Trained Spotter
A trained spotter estimated a 60 mph thunderstorm wind gust.				
A couple marginally severe thunderstorms tracked through Oakland and Macomb Counties and into Lake St. Clair.				
<b>TUSCOLA COUNTY --- 0.9 NW KINGSTON [43.43, -83.19]</b>				
	08/19/10 13:30 EST	0		Thunderstorm Wind (EG 54 kt)
	08/19/10 13:30 EST	0		Source: Law Enforcement
Trees were reported blown down.				
<b>TUSCOLA COUNTY --- 2.6 ESE KINGSTON [43.41, -83.13]</b>				
	08/19/10 13:32 EST	1K		Thunderstorm Wind (EG 56 kt)
	08/19/10 13:32 EST	0		Source: Law Enforcement
Multiple trees were reported blown down.				
<b>SAGINAW COUNTY --- FREELAND [43.52, -84.12]</b>				
	08/19/10 16:00 EST	0		Hail (0.75 in)
	08/19/10 16:00 EST	0		Source: Trained Spotter
<b>SAGINAW COUNTY --- 2.0 E SAGINAW [43.42, -83.93]</b>				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	08/19/10 16:24 EST		0	Thunderstorm Wind (EG 55 kt)
	08/19/10 16:24 EST		0	Source: Law Enforcement
Trees were reported blown down.				
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<b>SAGINAW COUNTY --- 2.1 SSE CARROLLTON [43.42, -83.91]</b>				
	08/19/10 16:26 EST		0	Thunderstorm Wind (EG 56 kt)
	08/19/10 16:26 EST		0	Source: Law Enforcement
Trees were reported blown down.				
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<b>SAGINAW COUNTY --- 1.4 S BUENA VISTA [43.38, -83.82]</b>				
	08/19/10 16:28 EST		0	Hail (1.75 in)
	08/19/10 16:28 EST		0	Source: Law Enforcement
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<b>SAGINAW COUNTY --- 2.1 ENE BRIDGEPORT [43.38, -83.86]</b>				
	08/19/10 16:33 EST		0	Thunderstorm Wind (EG 56 kt)
	08/19/10 16:33 EST		0	Source: Law Enforcement
Trees were reported blown down.				
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<b>TUSCOLA COUNTY --- 1.5 SSE TUSCOLA [43.30, -83.66]</b>				
	08/19/10 16:55 EST		0	Hail (0.75 in)
	08/19/10 16:55 EST		0	Source: Trained Spotter
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<b>GENESEE COUNTY --- DAVISON [43.03, -83.52]</b>				
	08/19/10 17:33 EST		0	Thunderstorm Wind (EG 52 kt)
	08/19/10 17:33 EST		0	Source: Trained Spotter
Numerous tree limbs were reported down.				
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<b>LAPEER COUNTY --- 2.6 WNW LAPEER [43.06, -83.37]</b>				
	08/19/10 17:34 EST		0	Thunderstorm Wind (EG 56 kt)
	08/19/10 17:34 EST		0	Source: Law Enforcement
Numerous trees were reported down.				
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<b>GENESEE COUNTY --- 1.0 E DAVISON [43.03, -83.50]</b>				
	08/19/10 17:35 EST		15K	Thunderstorm Wind (EG 55 kt)
	08/19/10 17:35 EST		0	Source: Fire Department/Rescue
Numerous large trees limbs were reported down along with power lines.				
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<b>GENESEE COUNTY --- 1.2 SE DAVISON [43.02, -83.50]</b>				
	08/19/10 17:35 EST		5K	Thunderstorm Wind (EG 61 kt)
	08/19/10 17:35 EST		0	Source: Fire Department/Rescue
A steel flag pole was bent, along with damage to a roof.				
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<b>LAPEER COUNTY --- 0.9 NE ELBA [43.04, -83.44]</b>				
	08/19/10 17:38 EST		50K	Thunderstorm Wind (EG 65 kt)
	08/19/10 17:38 EST		0	Source: NWS Storm Survey
A roof was blown off a boat shop, along with boats flipped over.				
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<b>LAPEER COUNTY --- 2.3 SSW FARMERS CREEK [42.94, -83.35]</b>				
	08/19/10 17:44 EST		0	Thunderstorm Wind (EG 56 kt)
	08/19/10 17:44 EST		0	Source: Park/Forest Service
Trees were blown down in Hadley-Metamora State Park.				

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<b>LAPEER COUNTY --- 0.9 NW METAMORA [42.94, -83.29], 1.3 NNE ALMONT ARPT [42.95, -83.06]</b>				
	08/19/10 17:45 EST		75K	Thunderstorm Wind (EG 65 kt)
	08/19/10 17:46 EST		0	Source: NWS Storm Survey
Dozens of trees down, along with large signs. A metal light post was also blown down.				
<b>OAKLAND COUNTY --- 1.1 NNW OXFORD [42.83, -83.28], 1.1 N LAKE ORION [42.79, -83.23]</b>				
	08/19/10 18:03 EST		0.10M	Thunderstorm Wind (EG 61 kt)
	08/19/10 18:06 EST		0	Source: Emergency Manager
Widespread trees down, with all trees in downtown Oxford damaged.				
<b>OAKLAND COUNTY --- 0.5 W LAKE ORION [42.78, -83.24]</b>				
	08/19/10 18:07 EST		0	Thunderstorm Wind (EG 52 kt)
	08/19/10 18:07 EST		0	Source: Trained Spotter
Eight to ten inch diameter tree limbs blown down.				
<b>OAKLAND COUNTY --- 3.7 NE GOODISON [42.76, -83.11]</b>				
	08/19/10 18:15 EST		2K	Thunderstorm Wind (EG 56 kt)
	08/19/10 18:15 EST		0	Source: NWS Storm Survey
Numerous trees were blown down.				
<b>MACOMB COUNTY --- MT VERNON [42.73, -83.08]</b>				
	08/19/10 18:20 EST		50K	Thunderstorm Wind (EG 61 kt)
	08/19/10 18:20 EST		0	Source: Trained Spotter
Numerous trees reported down in Stony Creek Metropark, along with boats blown over.				
<b>MACOMB COUNTY --- 1.2 SE MT VERNON [42.72, -83.06]</b>				
	08/19/10 18:21 EST		3K	Thunderstorm Wind (EG 65 kt)
	08/19/10 18:21 EST		0	Source: NWS Storm Survey
Widespread trees were blown down.				
<b>MACOMB COUNTY --- 0.9 SW WASHINGTON [42.71, -83.04]</b>				
	08/19/10 18:22 EST		5K	Thunderstorm Wind (EG 61 kt)
	08/19/10 18:22 EST		0	Source: Trained Spotter
Trees and power lines were reported down.				
<b>MACOMB COUNTY --- 0.7 S DISCO [42.67, -83.03]</b>				
	08/19/10 18:25 EST		0	Hail (0.75 in)
	08/19/10 18:25 EST		0	Source: Trained Spotter
<b>MACOMB COUNTY --- 0.7 S DISCO [42.67, -83.03]</b>				
	08/19/10 18:25 EST		1K	Thunderstorm Wind (EG 56 kt)
	08/19/10 18:25 EST		0	Source: Trained Spotter
Numerous trees reported down.				
<b>MACOMB COUNTY --- 1.7 WSW UTICA ARPT [42.66, -83.00]</b>				
	08/19/10 18:25 EST		3K	Thunderstorm Wind (EG 56 kt)
	08/19/10 18:25 EST		0	Source: Trained Spotter
Numerous trees were reported down.				
<b>MACOMB COUNTY --- 2.8 S ROMEO [42.76, -83.01]</b>				

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	08/19/10 18:25 EST		0	Thunderstorm Wind (EG 52 kt)
	08/19/10 18:25 EST		0	Source: Trained Spotter

Numerous tree limbs were reported blown down.

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<b>MACOMB COUNTY --- 0.6 SW UTICA ARPT [42.66, -82.98], 3.0 S UTICA ARPT [42.63, -82.97]</b>				
	08/19/10 18:29 EST		0.50M	Tornado (EF1, L: 2.55 mi , W: 250 yd)
	08/19/10 18:35 EST		0	Source: NWS Storm Survey

A tornado touched down near the intersection of 22 Mile and Hayes Road at 729 pm, tracking south-southeast before lifting at 735 pm just east of Hayes Road on M-59. Maximum winds were estimated to be up to 90 mph. Damage included multiple homes with roof damage, along with downed trees and power lines.

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<b>MACOMB COUNTY --- 1.5 E DISCO [42.68, -83.00]</b>				
	08/19/10 18:31 EST		2K	Thunderstorm Wind (EG 56 kt)
	08/19/10 18:31 EST		0	Source: Trained Spotter

Numerous trees were reported down.

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<b>MACOMB COUNTY --- 3.4 SE UTICA [42.61, -82.99]</b>				
	08/19/10 18:31 EST		0	Hail (0.75 in)
	08/19/10 18:31 EST		0	Source: Trained Spotter

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<b>MACOMB COUNTY --- UTICA [42.65, -83.03]</b>				
	08/19/10 18:31 EST		0	Hail (0.75 in)
	08/19/10 18:31 EST		0	Source: Trained Spotter

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<b>MACOMB COUNTY --- UTICA [42.65, -83.03]</b>				
	08/19/10 18:31 EST		3K	Thunderstorm Wind (EG 55 kt)
	08/19/10 18:31 EST		0	Source: Trained Spotter

Trees and powerlines were reported blown down.

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<b>MACOMB COUNTY --- 1.7 SW UTICA ARPT [42.65, -82.99]</b>				
	08/19/10 18:32 EST		0	Hail (1.00 in)
	08/19/10 18:32 EST		0	Source: Trained Spotter

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<b>MACOMB COUNTY --- 1.7 SW UTICA ARPT [42.65, -82.99]</b>				
	08/19/10 18:32 EST		2K	Thunderstorm Wind (MG 64 kt)
	08/19/10 18:32 EST		0	Source: Trained Spotter

A trained spotter measured a 74 mph thunderstorm wind gust and reported trees down.

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<b>MACOMB COUNTY --- 2.6 SW MT CLEMENS [42.55, -82.90]</b>				
	08/19/10 18:40 EST		0	Thunderstorm Wind (MG 61 kt)
	08/19/10 18:40 EST		0	Source: Trained Spotter

A trained spotter measured a 70 mph thunderstorm wind gust.

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<b>MACOMB COUNTY --- 3.6 WNW MT CLEMENS [42.61, -82.93], 2.7 SSW MT CLEMENS [42.54, -82.89]</b>				
	08/19/10 18:40 EST		0.30M	Tornado (EF0, L: 5.01 mi , W: 200 yd)
	08/19/10 18:48 EST		0	Source: NWS Storm Survey

A tornado touched down on Dorchestour Court at 740 pm, just east of Romeo Plank and north of Canal Road. The tornado tracked southeast before lifting at 748 pm just west of the intersection of 14 Mile Road and Harper Avenue. Maximum winds were estimated up to 85 mph. A few homes sustained window, garage, and shingle damage. Wooden fences were blown over. Numerous trees were blown down.

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<b>MACOMB COUNTY --- 0.9 SE (MTC)MT CLEMENS/SELF [42.59, -82.82]</b>				
	08/19/10 18:45 EST		0	Thunderstorm Wind (EG 56 kt)
	08/19/10 18:45 EST		0	Source: Trained Spotter

Several large trees blown down.

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<b>MACOMB COUNTY --- 1.2 SW WASHINGTON [42.71, -83.05]</b>				
	08/19/10 18:45 EST		3K	Thunderstorm Wind (EG 54 kt)
	08/19/10 18:45 EST		0	Source: Trained Spotter
Trees and powerlines reported down.				
<b>MACOMB COUNTY --- 2.6 WNW MT CLEMENS [42.59, -82.92]</b>				
	08/19/10 18:45 EST		0	Thunderstorm Wind (EG 56 kt)
	08/19/10 18:45 EST		0	Source: Trained Spotter
Numerous trees blown down.				
<b>MACOMB COUNTY --- 1.0 W MT CLEMENS [42.58, -82.89]</b>				
	08/19/10 18:46 EST		50K	Thunderstorm Wind (EG 56 kt)
	08/19/10 18:46 EST		0	Source: Trained Spotter
Large tree fell onto a house, causing significant damage.				
<b>MACOMB COUNTY --- 2.3 SSE MT CLEMENS [42.55, -82.85]</b>				
	08/19/10 18:48 EST		2K	Thunderstorm Wind (EG 56 kt)
	08/19/10 18:48 EST		0	Source: Trained Spotter
Large trees were uprooted as well as a tree snapped.				
<b>MACOMB COUNTY --- 2.6 NE ROSEVILLE [42.53, -82.87]</b>				
	08/19/10 18:48 EST		0	Hail (0.75 in)
	08/19/10 18:48 EST		0	Source: Trained Spotter
<b>MACOMB COUNTY --- 2.6 NE ROSEVILLE [42.53, -82.87]</b>				
	08/19/10 18:48 EST		0	Thunderstorm Wind (EG 52 kt)
	08/19/10 18:48 EST		0	Source: Trained Spotter
A trained spotter estimated a 60 mph thunderstorm wind gust.				
A supercell developed over far northern Saginaw late in the afternoon, then tracked southeast along a frontal boundary. This storm produced a swath of wind damage, large hail, and eventually spawning two tornadoes as it moved through Macomb County.				